AEE/SSD/SBR/146/16-17 dt 06/02/17

Original/Duplicate/Triplicate

No. 1st & FINAL BILL

# CONTRACT CERTIFICATE

(For Other Works)

Date : .....

Division DD

Sub-Division

Bill Received No. 624 Dated 28/2/17

Cash Book Voucher No. ..... Dated : .....

Scheduled Doctet No. .....

Head of Account .....

Name of work ( as per sanctioned estimate) **MAINTENANCE OF BOREWELL AT SHETTYHALLI, ABBIGERE, MEDARAHALLI AND CHIKKASANDRA IN W.NO.12 SHETTY HALLI SUB DIVISION**

Name of Contractor and Full Address **SRI. S. PRAKASH**

Reference to Agreement No. **EE/DD/WO/ 06 / 16-17** Date: **27.04.2016**

Certified that the measurements were taken by me on 1794/13-14 6/2/17 and recorded in pages 17933½ to 17935½ of measurements Book No. 1794/13-14 and that the work is satisfactorily executed.

Contractor

Officer - in - charge of work

Certified that the measurements were checked by me on 6/2/2017 and found correct. The work is satisfactorily executed.
Certified that the quantities of materials shown in column 3 of Account II have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of an imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Sub - Division Officer

*If Memorandum of Payment* **JOB NO : 012-16-000010**

| | | AMOUNT |
|---|---|---|
| 1. | Total value of work done or supplies made as per account. | |
| 2. | Deduct amount to be held in reserve being ..... percent Rs. ..... | |
| 3. | - do - Balance | |
| 4. | Deduct Payments : | |
| | a) Amount of previous payment as in the Office Cash Book Voucher No..... Dated ..... S.D. No. ..... | |
| | Amount adjusted towards cash advance recovery of | |
| | b) Payments cost store or other materials supplied. | |
| 5. | Balance being unpaid value of work done held in reserve | |
| 6. | Deduct cash advance made on the office Cash Book Vehicle No. ..... dated ..... less adjustments | |
| 7. | Net amount due to or from contractor | |
| | Unadjusted items | |
| 8. | Advance to contractor for materials brought to site ( as detailed) within value of Government materials supplied. | |
| | Total amount adjusted -- | |

Bill Amount → 3449260=00
Deduct 1st and Part Bill → 2783362=00
IInd and final Bill Amount → 665898=00
IT → 6659=00 Total
VAT → 26636=00 1→ 40620=00
LWC → 6659=00
CBF → 666=00
Net → 625278=00

Contractor Signature

Received Rs. ..... (in words)

..... by cash and by adjustment of

Payment as per memorandum.

Witness : (In final settlement of all demand )

1.

2.

Date

Paid by me by cheque No..... Dated .....

Cash Rs. ..... Dated .....

Initials of Officer making payment dated .....

( For use in the Office )

Audited and admitted for Rs. 665898=00

Passed by Cheque for Rs. 625278=00

by adjustment 40620=00

Accounts Superintendent

Executive Engineer

Stamp

Signature of Contractor

| | Items of work ( grouped under sub-heads the sub works of the estimate) | Unit | Previous Measurement | | Present Measurement | | | Total Up-to-date | | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | Qty | Cost | Qty | Rate Rs. Ps. | Cost | Qty | Cost | |
| 1 | Repairs to Motor: Rewinding of submersible pumpsets with copper insulation wire of suitable guage as per ISI specification with guarantee of 6 months For 7.5 HP complete as per specfication & as per direction of Engineer-in-charge | Each | 16 | 40,000/- | - | 2500/- | - | 16 | 40,000=00 | |
| 2 | For 10.00 HP | Each | 50 | 1,71,000/- | 39 | 3420/- | 1,33,380/- | 89 | 3,04,380=00 | |
| 3 | For 12.5 HP | Each | 12 | 50,040/- | - | 4170/- | - | 12 | 50,040=00 | |
| 4 | Replacement of pump parts the following main components of submersible pumpsets requiring replacement pump bowls complete as per specfication & as per direction of Engineer-in-charge | Each | 336 | 2,35,200/- | 162 | 700/- | 1,13,400/- | 498 | 348,600=00 | |
| 5 | Intermediate piece (I.P) with leaded bronze bush complete as per specfication & as per direction of Engineer-in-charge | Each | 17 | 7650/- | 8 | 450/- | 3600/- | 25 | 11250=00 | |
| 6 | Oil seal steel bush complete as per specfication & as per direction of Engineer-in-charge | Each | 17 | 2125/- | 8 | 125/- | 1000/- | 25 | 3125=00 | |
| 7 | Oil seal steel bush complete as per specfication & as per direction of Engineer-in-charge | Each | 51 | 7650/- | 19 | 150/- | 2850/- | 70 | 10500=00 | |
| 8 | Guide vane complete as per specfication & as per direction of Engineer-in-charge | Each | 226 | 39550/- | 14 | 175/- | 2450/- | 240 | 42000=00 | |
| 9 | Impeller (shell moulded with aluminium and bronze) complete as per specfication & as per direction of Engineer-in-charge | Each | 370 | 157250/- | 146 | 425/- | 62050/- | 516 | 219300=00 | |
| 10 | Discharge outlet (D.O.) bearing D.O. steel bush complete as per specfication & as per direction of Engineer-in-charge | Each | 17 | 7565/- | 8 | 445/- | 3560/- | 25 | 11125=00 | |
| 11 | D.O.bearing complete as per specfication & as per direction of Engineer-in-charge | Each | 47 | 13395/- | 18 | 285/- | 5130/- | 65 | 18525=00 | |
| 12 | Steel bush (D.O. steel bush) complete as per specfication & as per direction of Engineer-in-charge | Each | 55 | 8250/- | 27 | 150/- | 4050/- | 82 | 12300=00 | |
| 13 | Allen screw complete as per specfication & as per direction of Engineer-in-charge | Each | 47 | 1175/- | 35 | 25/- | 875/- | 82 | 2050=00 | |
| 14 | Pump shaft made out of stainless steel center less ground with key way (upto 8 stages) complete as per specfication & as per direction of Engineer-in-charge | Each | 17 | 16150/- | 8 | 950/- | 7600/- | 25 | 23750=00 | |
| 15 | Pump Key complete as per specfication & as per direction of Engineer-in-charge | Each | 47 | 5875/- | 18 | 125/- | 2250/- | 65 | 8125=00 | |
| 16 | Pump couping (stainless steel) complete as per specfication & as per direction of Engineer-in-charge | Each | 17 | 4250/- | 8 | 250/- | 2000/- | 25 | 6250=00 | |
| 17 | Non return valve assembly complete. Rubber 'O' ring complete as per specfication & as per direction of Engineer-in-charge | Each | 17 | 22950/- | 8 | 1350/- | 10800/- | 25 | 33750=00 | |
| 18 | Cable guard complete as per specfication & as per direction of Engineer-in-charge | Each | 17 | 2550/- | 8 | 150/- | 1200/- | 25 | 3750=00 | |
| 19 | Stainer complete as per specfication & as per direction of Engineer-in-charge | Each | 17 | 2550/- | 8 | 150/- | 1200/- | 25 | 3750=00 | |
| 20 | Brass filter complete as per specfication & as per direction of Engineer-in-charge | Each | 47 | 11750/- | 35 | 250/- | 8750/- | 82 | 20500=00 | |
| 21 | Labour charges (over hauling only) Per Job complete as per specfication & as per direction of Engineer-in-charge | Job | 78 | 42900/- | 54 | 550/- | 29700/- | 132 | 72600=00 | |
| 22 | Upper flange complete as per specfication & as per direction of Engineer-in-charge | Each | 28 | 9800/- | 10 | 350/- | 3500/- | 38 | 13300=00 | |
| 23 | Lower housing complete as per specfication & as per direction of Engineer-in-charge | Each | 28 | 18200/- | 10 | 650/- | 6500/- | 38 | 24700=00 | |
| 24 | Lower flange complete as per specfication & as per direction of Engineer-in-charge | Each | 28 | 9800/- | 10 | 350/- | 3500/- | 38 | 13300=00 | |
| 25 | Lock ring complete as per specfication & as per direction of Engineer-in-charge | Each | 28 | 2380/- | 10 | 85/- | 850/- | 38 | 3230=00 | |
| 26 | Carbon housing complete as per specfication & as per direction of Engineer-in-charge | Each | 28 | 13300/- | 10 | 475/- | 4750/- | 38 | 18050=00 | |
| 27 | Thrust bearing block assembly with segment bearing pad complete as per specfication & as per direction of Engineer-in-charge | Each | 28 | 32200/- | 10 | 1150/- | 11500/- | 38 | 43700=00 | |
| 28 | Tip carbon complete as per specfication & as per direction of Engineer-in-charge | Each | 28 | 4200/- | 10 | 150/- | 1500/- | 38 | 5700=00 | |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 29 | Studs and nuts complete as per specfication & as per direction of Engineer-in-charge | Each | 28 | 1400/- | 10 | 50 | 500/- | 38 | 1900=00 | |
| 30 | Bearing (gunmetal) centrifugal Cast aluminium bronze, bearing bush complete as per specfication & as per direction of Engineer-in-charge | Each | 184 | 73600/- | 66 | 400 | 264100/- | 250 | 100000=00 | |
| 31 | Circlips complete as per specfication & as per direction of Engineer-in-charge | Each | 55 | 2750/- | 45 | 50 | 2250/- | 100 | 5000=00 | |
| 32 | Motor base with pin complete as per specfication & as per direction of Engineer-in-charge | Each | 55 | 26125/- | 25 | 475 | 11875/- | 80 | 38000=00 | |
| 33 | Transportion of pumping Machineres complete as per specfication & as per direction of Engineer-in-charge | Each | 184 | 158240/- | 82 | 860 | 70520/- | 266 | 228760=00 | |
| 34 | Supply & delivery at site brand new texmo/innoval/lubi/sabar /Atalanta/calamal/ waterman/Radha make suitable HP deep well submercible pumpset suitable for vertical installation in 150 dia borewells compressing of single stage or multistage CF pump close coupled by means of stainless steel coupling to suitable HP suitable speed totally enclosed and filled with pure drinking water squirrel cagesubmercible induction motor suitable for operation of 3Ph, 50Hz.380/440 volts AC supply fitted with required accessories such as suction, casing, suction strainers, sand guard. Non return valve etc Complete the pump and motor shall from an integral unit with all the required fittings 7.5. HP 16 stage complete as per specfication & as per direction of Engineer-in-charge | No | 1 | 45800/- | — | 45800 | — | 1 | 45800=00 | |
| 35 | The pump and motor shall form an integral unit with all the required 12.5 HP 24 stage complete as per specfication & as per direction of Engineer-in-charge | no | 2 | 126800/- | — | 63400 | — | 2 | 126800=00 | |
| 36 | Labour chagres for erection of new/ repaired submersible pump set along with GI pipes (32mm/50mm) cable (New submersible pump set ((including transportation charges) complete as per specfication & as per direction of Engineer-in-charge | Each | 1500 | 132000/- | 500 | 88 | 44000/- | 2000 | 176000=00 | |
| 37 | Labour chagres for lifting of non functioning submersible pump set along with GI pipes (Each length=6m) i) 50mm | Each | 1500 | 163500/- | 500 | 109 | 54500/- | 2000 | 218000=00 | |
| 38 | Labour charges (over hauling only) Per job complete as per specfication & as per direction of Engineer-in-charge | Job | 94 | 51700/- | 39 | 550 | 21450/- | 133 | 73150=00 | |
| 39 | Supply and drawing 3 core flabr PVD sheathed submersible pump cable manufacture with electrolytic grade copper with flexible copper conductor confirming to calbe 3 class 5 of IS 8130 - 1984 and altes amendments of IS 694 / 1990 and virgin grade PVC insulation and sheathed suitable for working volgrage upto 1100 volts complete as per specfication & as per direction of Engineer-in-charge | rmtr | 700 | 106400/- | — | 152 | — | 700/- | 106400=00 | |
| 40 | Supplying and fixing 50mm GI pepes C class heavy duty for erection of submersible pump set complete as per specfication & as per direction of Engineer-in-charge | mtr | 110 | 44000/- | — | 400 | — | 110/- | 44000=00 | |
| 41 | UG Calbe -d) 4 core 16 sqmm complete as per specfication & as per direction of Engineer-in-charge | rmtr | 154 | 21622/- | 46 | 140.4 | 6458/- | 200/- | 28,080=00 | |
| 42 | Digging of trench of 1.00 mm deep X 0.60 wide refilling the trence to the required ground level and consolidating etc complete. In ordinary soil complete as per specfication & as per direction of Engineer-in-charge | Cum | 72 | 9720/- | — | 135 | — | 72/- | 9720=00 | |
| 43 | UG cable labour charges d) 4 core 16 sqmm complete as per specfication & as per direction of Engineer-in-charge | rmtr | 120 | 960/- | — | 8 | — | 120/- | 960=00 | |
| 44 | Refixing available earth around pipe lines, cables in layers not exceeding 20 cms in depth, compacting each deposited layer by ramming after watering with lead upto 50m. And lift up to 1.5m including complete as per specfication & as per direction of Engineer-in-charge | Cum | 72 | 4392/- | — | 61 | — | 72/- | 4392=00 | |
| 45 | Fabricating supplying and mounting MS box made out 14 SWG suitable for floor/ wall mounting fully weather proof with provision for better hear dissipation provided with hinged front cover equipped with tamper proof locking arrangementw with suitable size clamps with necessary calbe entry pipw with gland box should be finished with 2 coats of red oxide primer paint and finally finished with approved color enameled metal paint etc.,complete as per specfication & as per direction of Engineer-in-charge | Each | 24 | 293664/- | — | 12236 | — | 24 | 293.664=00 | |
| 46 | Supplying fully automatic star - delta starter unit push button type with suitable wires 3 contractor, one adjustable thermal timer mounted on a common base plate heeld in steel enclosure for use on 400/400 volts 3 phase and wired after fixing to the existing wooden board for motor. complete as per specfication & as per direction of Engineer-in-charge | Each | 45 | 255600/- | — | 5680 | — | 45 | 255600/- | |
| 47 | Fixing outdoor panel box complete as per specfication & as per direction of Engineer-in-charge | Each | 45 | 14175/- | — | 315 | — | 45 | 14175=00 | |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 48 | Supplying and fixing polished wood board made of not less than 15mm thick plank on both sides with planks made out of not more than 2 pieces and fixing the same to the wall using tapers incerted wooden plugs screws etc F) 20"[illegible]20"X2.5" complete as per specfication & as per direction of Engineer-in-charge | Each | 45 | 12825/- | – | 285 | – | 45 | 12825:00 | |
| 49 | Supplying and fixingr regula MCB distribution boards / flush mounting using required clamps blots, nuts etc with providing for fixing suitable type capacity MCBs single phase/ 3 Phase/ Single door with powder coated with powder coated painting etc., complete single door a) 4 way SP & N complete as per specfication & as per direction of Engineer-in-charge | Each | 35 | 26250/- | – | 750 | – | 35 | 26250:00 | |
| 50 | Supplying and fixing of porcelain fuse channel with cutouts on exising wooden/ panel using necessary nuts, bolts and washers etc complete 63 Amps complete as per specfication & as per direction of Engineer-in-charge | Each | 72 | 15768/- | – | 219 | – | 72 | 15768:00 | |
| 51 | Supplying and fixing single phase preventer complete as per specfication & as per direction of Engineer-in-charge | Each | 60 | 44100/- | – | 735 | – | 60 | 44100:00 | |
| 52 | Supplying fixing and wireing 0 to 600 volts 96 X 96mm AC Voltmeter complete as per specfication & as per direction of Engineer-in-charge | Each | 40 | 17200/- | – | 430 | – | 40 | 17200:00 | |
| 53 | Supplying fixing and wireing 0 to 100 amps direct reading AC analog ammeter complete as per specfication & as per direction of Engineer-in-charge | Each | 40 | 19800/- | – | 495 | – | 40 | 19800:00 | |
| 54 | Supplying fixing and wireing rotary sector switch suitable for ammeter complete as per specfication & as per direction of Engineer-in-charge | Each | 40 | 17200/- | – | 430 | – | 40 | 17200:00 | |
| 55 | Supplying fixing and wiring rotary sector switch suitable for voltmeter complete as per specfication & as per direction of Engineer-in-charge | Each | 30 | 7350/- | – | 245 | – | 30 | 7350:00 | |
| 56 | Supplying and fixing for LED type panel board indicating lamp with 220 V AC 50 Hz 12/24v DC a) group A) complete as per specfication & as per direction of Engineer-in-charge | Each | 40 | 17200/- | – | 430 | – | 40 | 17200:00 | |
| 57 | Supplying and fixing of 4 pole power contractor complete as per specfication & as per direction of Engineer-in-charge | No | 28 | 25900/- | – | 925 | – | 28 | 25900:00 | |
| 58 | Providing and fixing in position 50mm nominal bore non-return valve horizontal type of approved make including cost of all materials labour and HOM of equipments with all leads complete as per specfication & as per direction of Engineer-in-charge | No | 29 | 30479/- | – | 1051 | – | 29 | 30479:00 | |
| 59 | Supplying and fixing 50mm GL union complete as per specfication & as per direction of Engineer-in-charge | No | 32 | 7158/- | – | 223.7 | – | 32 | 7158:00 | |
| 60 | Supplying and fixing 50mm GL Elbow complete as per specfication & as per direction of Engineer-in-charge | No | 32 | 3904/- | – | 122 | – | 32 | 3904:00 | |
| 61 | Supplying and fixing 50mm GL Nipple complete as per specfication & as per direction of Engineer-in-charge | No | 85 | 8865/- | – | 104.3 | – | 85 | 8865:00 | |
| 62 | Supplying and fixing 50mm GL Colllard complete as per specfication & as per direction of Engineer-in-charge | No | 180 | 22500/- | – | 125 | – | 180 | 22500:00 | |
| 63 | Supplying and fixing gun metal gate valve 50mm nominal bore complete as per specfication & as per direction of Engineer-in-charge | No | 8 | 9600/- | – | 1200 | – | 8 | 9600:00 | |
| 64 | Old GI pipe threading and transportation charges Rs. 27 per Mtf-6.00 mtrs x 27/- complete as per specfication & as per direction of Engineer-in-charge | No | 155 | 25110/- | – | 162 | – | 155 | 25110:00 | |
| | | | | 27,83,362/- | | | 6,65,898:00 | | 34,49,260:00 | |
| | | | | | | | | | | |
| | | | | | | | | | | |

**CERTIFICATE:**

1 Work done is satisfactory Work completed on :- 27/10/16.

2 There are no departmental issuesmade to the contractor

3 The contractor has cleared all debrice from work spot

4 RMC is used for items 12-14-25

Paid N.I.C. AE H-12

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಶೆಟ್ಟಿಹಳ್ಳಿ ಉಪವಿಭಾಗ, ದಾಸರಹಳ್ಳಿ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಎಸ್.ಎಂ. ರಸ್ತೆ, ರವೀಂದ್ರನಗರ, ಬೆಂಗಳೂರು